ABSTRACT OF THE DISCLOSURE

A partial reprojection device includes a reprojection processing portion for controlling a partial
5   reprojection process, a modeling kernel for performing a contour line process, a hidden line process and other processes. The reprojection processing portion includes an associative analysis processing portion for analyzing information of two-dimensional projection to be a
10   reprojection target, a drawing processing portion for deciding a three-dimensional element to be a projection target from three-dimensional shape data and a projection condition in association with the modeling kernel, a drawing data generation processing portion for generating
15   the decided three-dimensional element as a two-dimensional element on the drawing, and an associative setting processing portion for grouping the generated two-dimensional elements for each part and for setting a relationship with various conditions and the models.